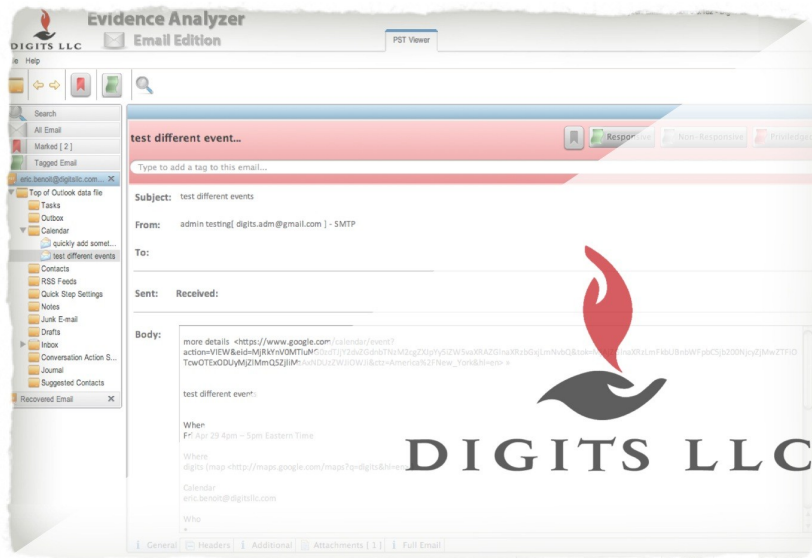


DIGITS LLC to release a New Forensic Email Tool! *An email forensic tool for the masses*

By: **Bradley J. Bartram**

Vice President of Information Technology, Chief Technology Officer

If you've been a visitor to our website, you may have noticed there's a tab named "development" that brings up a page talking about software development. That tab isn't just there because we think four tabs looks better than three or because the graphic designers



find a special symmetry in even numbers. DIGITS LLC really creates software and we are getting ready to let one of our creations out into the industry.

In the next few weeks, we expect to be launching a new product that will make a drastic impact on the way email is initially reviewed and offer features at a price substantially less than many other products. By mining the over 115 years of collected experience of the DIGITS'

founders and staff, we have been able to strip away the frills and develop a product that is absolutely true to its core function ... allow someone to review email for relevance.

"Doesn't everyone do that," you may ask?

Not really. In the competitive world of forensic software, products continue to be released with ever more features and abilities.

continued on page 2

Inside this issue:

New Email Tool...Pg. 1



News & Events.....Pg. 2



The Round Table
w/Avalon.....Pg. 3



Education &
Outreach...Pg. 3



Case Study.....Pg. 4



EMAIL *cont. from page 1*

The main issue is that in this race to be more complete than the competition, no one has stopped to evaluate the impact these additions have on the users. This creates tools that require considerable investment in time and energy to learn and navigate in order to get the desired information.

We looked at these tools and realized that, as users of the existing suite of products, we were not happy or satisfied with the results. We set out to create a tool that gets out of the way of the user. It simplifies the process of email review to a point that even the most basic novice can be efficient. We do this by maintaining much of the power of advanced features such as search and tagging and hashing, but keeping the options sensible for the majority and integrated into a cohesive application.

At launch, our software will be able to support about 95% of the world's common email formats by volume including all RFC complaint formats and Microsoft Exchange formats. It will export results into formats usable by major e-Discovery review suites, forensic software suites, and even clickable plain text. All of this at a price that is surprisingly low.

DIGITS LLC prides itself on redefining the forensic services you count on; now watch us redefine the software that gets it done. Look for further product announcements in the coming weeks.

IN THE NEWS

On August 5, 2011, the Buffalo Business First featured DIGITS LLC and CEO Michael McCartney. The article (1c) entitled, "West Seneca Firm Protects Company Data" by Dave Bertola, outlined the increase in email compromise cases since the News Corporation scandal in Europe over journalists illegally accessing cell phone voice mail and email of victims of crimes and high-ranking government officials.

In addition, on August 26, 2011 The Buffalo Business First ran another article entitled, "Your Social Security number: When should it be given out?" The article quoted CEO Michael McCartney on security concerns over providing your social security number in various situations. The article also quoted McCartney in



another piece entitled "Identity Theft: Everyone's a Target." "We found that those who collect personal information harvest as much data as they can. They turn around and sell that data as lists to thieves."

A person may not know immediately if he or she has been victimized. Maybe the list sits on a crook's desk for a few weeks or even months before he uses the data in a scam. Maybe your name is on Page 6 of that list, and he used information on only the first three pages. "I may become a victim- not right away, maybe not for several years," McCartney said.

DIGITS LLC is again going to be featured in the Buffalo Business First on October 21, 2011. Please visit our web site for more information. www.digitsllc.com

Upcoming Events

Please join DIGITS LLC at the following events:



WNY College Consortium
Of Law Enforcement
Administrators

October 18, 2011

9a.m. – 11a.m.

Medaille College
Amherst Campus



ASIS 2011 Security
Training Seminar & Expo

DIGITS LLC
Vendor Display

October 27, 2011

8a.m. – 3p.m.

Sonoma Grille
5010 Main Street
Williamsville



TribalNet 12th Annual
Conference

November 15, 2011

1:15p.m.- 2:15 p.m.

Talking Stick Resort
Scottsdale, AZ



THE ROUND TABLE W/AVALON

You may have heard the phrase "tiff processing" before if you have been involved in an e-discovery matter. While it may make sense to "tiff" documents in some matters, there are core set of file types that should very rarely be converted to static images such as .xls, .mdb and .csv, just to name a few.



J.P. Midgley, President
Avalon Technologies

Think of a "tiff" as an image similar to a pdf file, only it is in a non-proprietary format. As a matter of fact, if you have ever asked for the production of electronic data to be produced as pdf files, they are most often converted to tiff first, and then subsequently converted to pdfs.

Much of the old advantages of tiffing all documents in order to speed up review no longer apply as more advanced review software have near native viewers built in that allow for fast review speeds similar to a tiff based review. Regardless of this fact, .csv, .mdb, and .xls files are interactive and any formulas or pivot tables embedded in cells would never have been seen if printed to paper or to a static image. Looking at a print out of an excel file versus looking at the actual files are two totally different things and should be taken into consideration when developing the processing and review strategy of electronically-stored information.



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EDUCATION AND OUTREACH

DIGITS LLC is always looking to provide education and training programs to advance the knowledge and educational experience of our clients, the legal community and other business professionals. Through our partnerships with ASPE, Inc., the New York State Bar Association and more recently ADP, Inc., we have had several successful events over the past few months with many more planned in the coming months.

DIGITS LLC has formed a training partnership with ADP Inc., the world's largest Payroll and HR Service Provider in the world. DIGITS LLC has provided our exclusive Proactive Forensic Training Program to over 100 clients and customers of ADP Inc., in Buffalo and Albany over several days. Seminars are also planned for the Syracuse and Rochester markets in the coming months. We are also working on a national syndicated web-based training program that is scheduled to roll out in the coming weeks that will allow for a monthly program to air over the internet to clients of ADP Nation-Wide.

In addition, on August 24, 2011, DIGITS LLC and Avalon Legal Technologies gave a joint "Lunch and Learn" Seminar to Golberg Segala, LLP. The program, entitled Computer Forensics 101 and E-Discovery Technologies, was well received by the Partners, Associates and Paralegals of this prestigious law firm.



On, September 7, 2011, DIGITS LLC and Avalon again teamed together for a "Lunch and Learn" presentation for Kavinoky Cook, LLP.

September 30, 2011, DIGITS LLC spoke before the IT Professionals of several School Districts supported by Erie Boces 2 in the Southern Tier. The program was co-chaired with Elizabeth Carlson, Esq., Partner at Hodgson Russ LLP. The focus of the training centered on Social Media, Legal Consideration and the technical pitfalls of policing bullying and other misuses of technology in the school.

In addition to the past training programs given this Quarter, DIGITS LLC has several programs scheduled for the coming months to round out our education and outreach for the year. DIGITS LLC is speaking for Robert Half International Staffing, ASIS National Conference, the Chiefs of Police for Northeast College and University Security Professionals as well as a selective speaking engagement for TribalNet 2011 in Arizona for the Gaming/Casino industry.

Please feel free to visit our Events section of our website for more information on upcoming events.

CASE STUDY: NEWS CORP. HACK – “Caller ID... Do you really know who is calling?”

By Bradley J. Bartram
Vice President of Information Technology , Chief Technology Officer

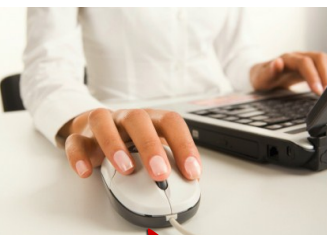
Assume you have two computers that need to communicate with each other. The first computer is a database server that holds customer data and account information. The second computer is some form of application server that allows users to interact with the data being stored on the first computer. There has to be some form of direct communication between the first and second computers. Ideally the first computer should only allow specific users to access its data.



Historically, this process worked well for a little while. When data began being stored on computers that actually had importance and value, less than honest people began to realize data had value, and networks began to get a little bit more public in-scope this all tended to fall apart. It was trivial for an attacker to gain access to the network and then pretend to be a trusted computer and gain access to valuable data.

Networks began to get a little more secure in response. System and network administrators learned to not be so trusting. In current networks, it tends to be the exception rather than the rule to see trusted source authentication. And the pendulum has been swinging towards more security for most of the last decade.

But an interesting *deja vu* happened to me the other day. While seeing a demo of a website with some security implications, a very interesting discovery was made that recalled earlier trusted



source authentication schemes and the associated problems.

The website in question allowed a visitor to purchase "points" or "credits" for as little as \$20.00. These points could then be applied to making phone calls via the service with any Caller ID display they wanted. The user could even modulate and mask their voice to sound like a female or a male. Obviously to be used for entertainment purposes only.

The security hole occurs when a user makes a call to someone's cell phone while masking their caller ID as the destination's phone number. Essentially, faking the phone into thinking it was calling itself. The call, when bumped to voice mail, did not provide the customary "leave a message" greeting, but instead, led the caller right into the voice mailbox main menu. Even on some phone services where voicemail passwords were set, the telephone system trusted the Caller ID string and gave full access. This is the most likely source of the unauthorized access into Journalist and Celebrities' voicemails during the famous News Corp scandal a few months ago.

What's a user to do? From our tests, we found that some providers were much better about this than others. Call your provider and complain about this. Ask them how they handle spoofed caller IDs getting into your voicemail. If you suspect your voicemail has already been compromised, give us a call. We have handled trusted source authentication exploits and we can possibly help.



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